Use Attainability Analysis

for

WBID 0442 Hickory Creek

Submitted by
Missouri Department of Natural Resources Staff

To
Missouri Department of Natural Resources
Water Protection Program

Field Data Sheets for Recreational Use Stream Surveys

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WATER PROTECTION PROGRAM

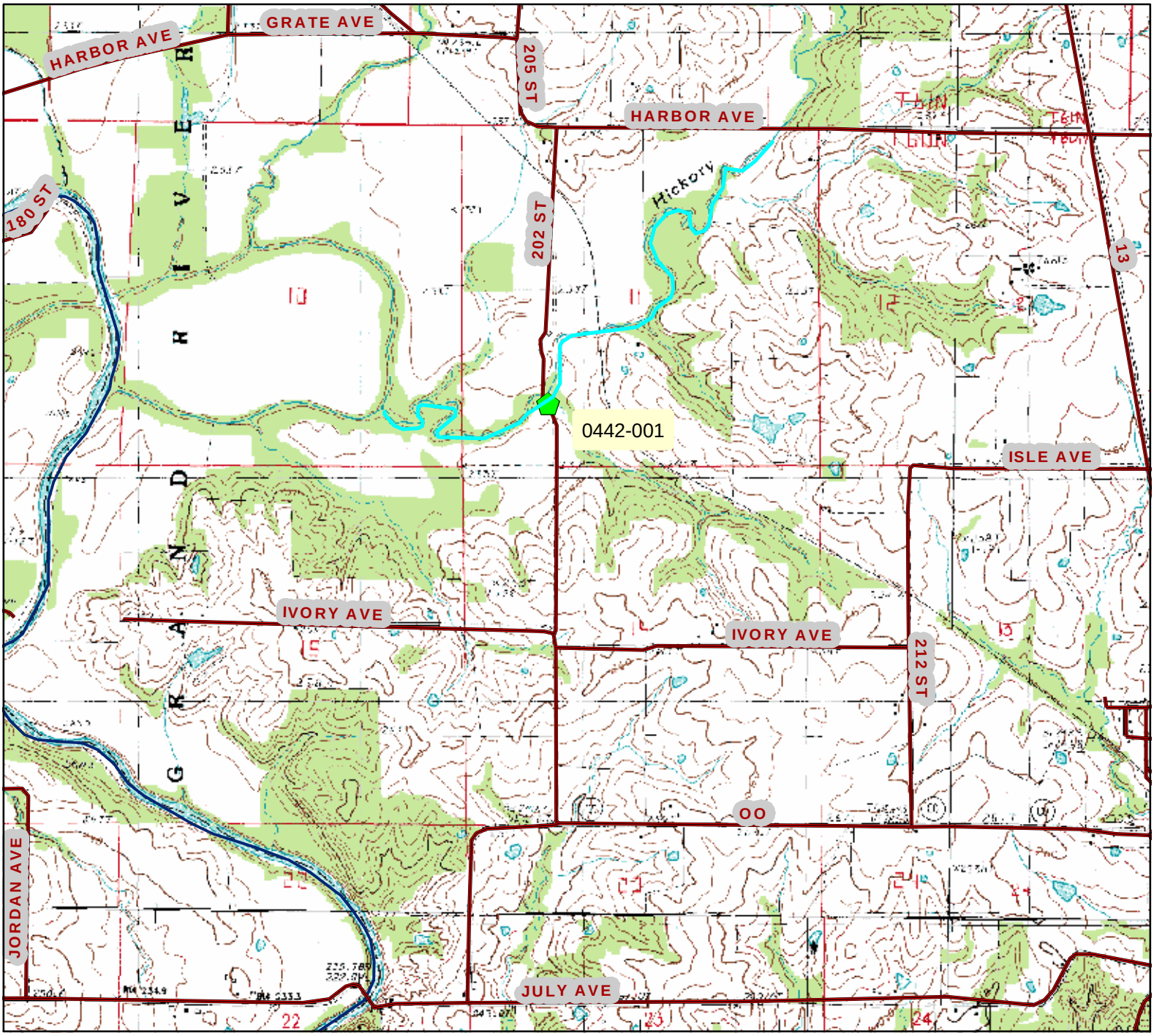
Data Sheet A - Water Body Identification

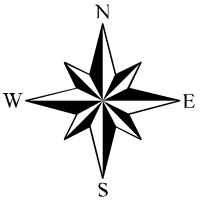
Water Body Name (from USGS 7.5' quad):	Hickory CR.
8-digit HUC:	10280101
Missouri WBID #:	442
County:	Daviess
Upstream Legal Description:	S 11 T60N R 28W
Downstream Legal Description:	S 11 T60N R 28W
Upstream Coordinates:	N 40.02112 W94.02164 (B M)
Downstream Coordinates:	N 40.02112 W 94.02164
Discharger Facility Name(s):	—
Discharger Permit Number(s):	—
Number of Sites Evaluated:	(1)
Name of Surveyor and Telephone Number:	Craig C ; Aaron W. 816-622-7095
Organization:	MoDNR
Position:	Soil Scientists

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed: Craig C ; AW **Date:** 7/5/05

Hickory Creek (#0442) Daviess County





Legend

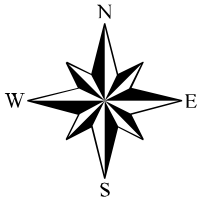
Roads

Classified Waterbodies

Counties

0 0.5 1 2 Miles

Hickory Creek (#0442) Daviess County



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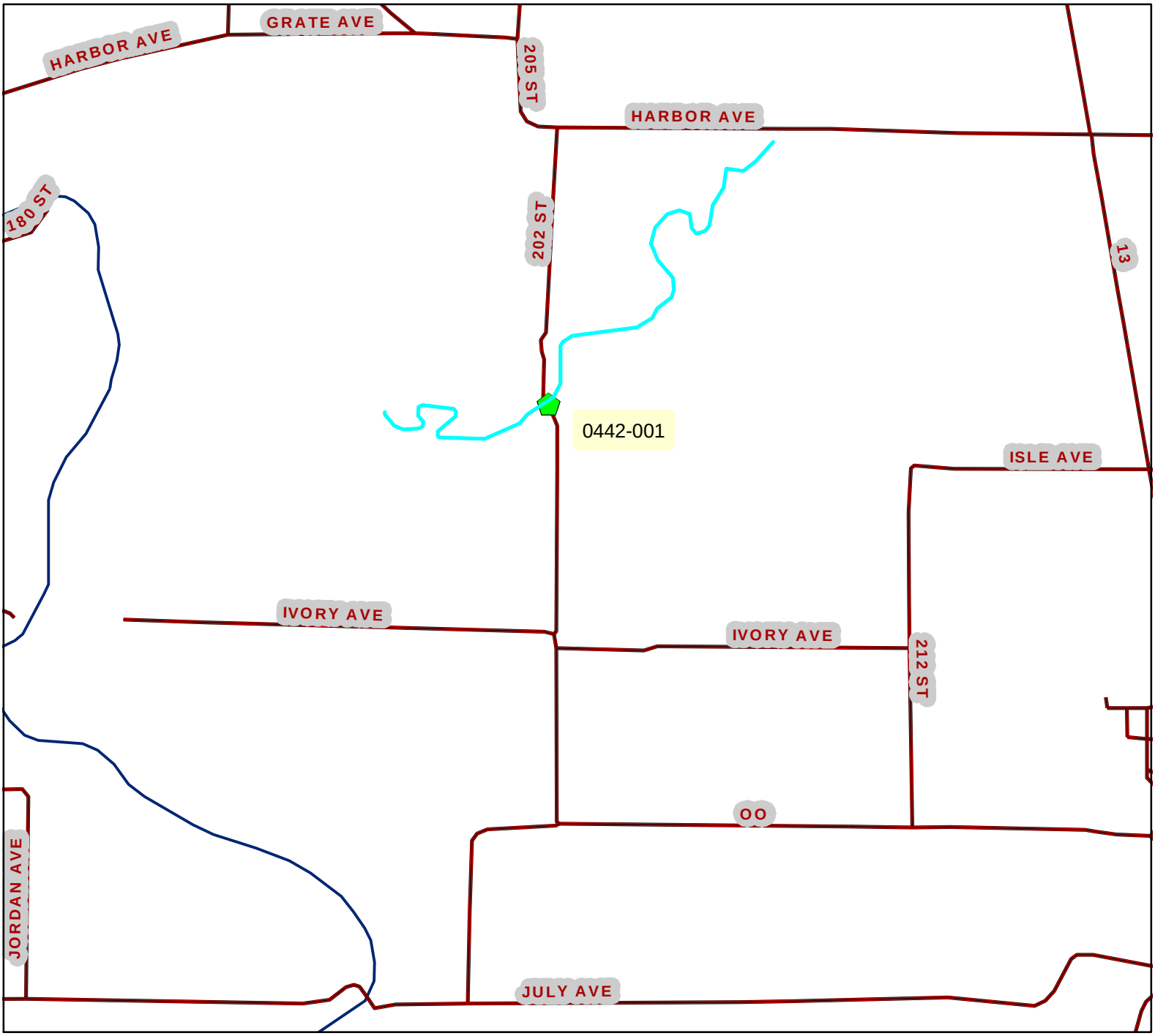
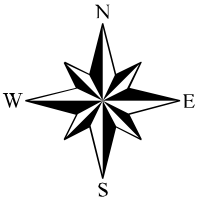
Hickory Creek (#0442) Daviess County





Legend

Roads

Classified Waterbodies

Counties

0 0.5 1 2 Miles

Field Data Sheets for Recreational Use Stream Surveys

Craig Chatfield
Aaron Woods
DM

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: 442 - 01	Site Location Description:
Site GPS Coordinates: N 40.02112 N 94.02164	Hickory CR
Date & Time: 7/5/05 @ 10:40 AM	Facility Name: —
Personnel: Craig C & Aaron W	Permit Number: —
Current Weather Conditions: Sunny	Weather Conditions for Past 7 days: Light Rain
Photo Ids: Upstream: NB0442-01 101-174 / Downstream: NB0442-01 101-175	Other:

Uses Observed*:

☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☒ None of the above	☐ Other:

Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)

—

Surrounding Conditions*: (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.)

☐ City/county parks	☐ Playgrounds	☐ MDC conservation lands	☐ Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks	☐ National forests	☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	☐ Fence	☐ Steep slopes	☒ Other: NA	

Evidence of Human Use*:

☐ Roads	☐ Foot paths/prints	☐ Dock/platform	☐ Livestock Watering	☐ RV / ATV Tracks
☐ Rope swings	☐ Camping Sites	☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle
☒ Other: NA				

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs) Attached

*Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

Page Two – WBID # 442 -01 Bm

Stream Morphology:

Upstream View Physical Dimensions:

☐ Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
☐ Run	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
☒ Pool	Width (ft): 15'	Length (ft): 15'	Avg. Depth (ft): 8"	Max. Depth (ft): 1' 8"
☐ Flow	Present? ☒ Yes ☐ No		Estimated (ft^3/sec):	

Downstream View Physical Dimensions:

☐ Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
☐ Run	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
☒ Pool	Width (ft): 15'	Length (ft): 15'	Avg. Depth (ft): 5"	Max. Depth (ft): 10"
☐ Flow	Present? ☒ Yes ☐ No		Estimated (ft^3/sec):	

Substrate*: (These values should add up to 100%.)

20 % Cobble	20 % Gravel	60 % Sand	% Silt	% Mud/Clay	% Bedrock

Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site)

Algae – 30%

Water Characteristics*: (Mark all that apply.)

Odor:	☐ Sewage	☐ Musky	☐ Chemical	☒ None	☐ Other:
Color:	☐ Clear	☐ Green	☐ Gray	☐ Milky	☒ Other: Murky
Bottom Deposit:	☐ Sludge	☐ Solids	☒ Fine sediments	☐ None	☐ Other:
Surface Deposit:	☐ Oil	☐ Scum	☐ Foam	☒ None	☐ Other:

Comments: Please attach additional comments (including information from interviews) to this form.

*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that effect another use.

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed: Cy Y. Chyi & AW **Date:** 7/5/05

Organization: MoDNR SWCP Position: Soil Scientists

0442_01_US

0442_01_DS